

## **ABSTRACT OF THE DISCLOSURE**

A tube connecting apparatus that can carry out self reset operation without giving damage to the apparatus and that safety of an operator is considered. The tube connecting apparatus has an EEPROM memorizing information with respect to a connecting process state of tubes. When electric power is inputted, the apparatus judges whether power supply was shut off during tube connecting operation based upon the information memorized in the EEPROM with respect to the connecting process state of tubes and a detecting result of a wafer 41 according to a wafer position detecting sensor 421, and carries out reset operation. In the reset operation, the apparatus restarts and completes connecting operation (S620 to 632) by heating the wafer again to fuse the tubes adhered to the wafer (S614, 616). Error indication is displayed at a LCD display to secure connecting strength and the like (S634). A locking state is not cancelled during cooling time after heating of the wafer is stopped to secure safety (S628 to S632).